IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Cantor et al.

Serial No.:

09/030,571

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I hereby certify that this paper is being deposited with the United States Postal "Express Mail Post Office to Addressee" Service under 37 C.F.R. §1.10 on the date indicated above and addressed

to:

Commissioner for Patents

P.O. Box 2327,

Arlington, VA 22202, on this date.

SUPPLEMENTAL RESPONSE AND AMENDMENT IN RESPONSE TO NOTICE TO COMPLY WITH REQUIREMENTS FOR PATENT APPLICATIONS CONTAINING NUCLEOTIDE SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES

Commissioner for Patents U.S. Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Dear Sir:

Responsive to the Office Communication, mailed November 6, 2002, and Notice Comply with Requirements for Patent Applications Containing Nucleotide Sequences and/or Amino Acid Sequence Disclosures received via facsimile June 17, 2002 and discussed in the office action mailed June 5, 2002, please amend the application as follows:

IN THE SEQUENCE LISTING:

Please enter the sequence listing attached hereto into the above-captioned application. A disk copy of the SEQUENCE LISTING accompanies this response.

REMARKS

Attached herewith is a copy of the Notice Comply with Requirements for Patent Applications Containing Nucleotide Sequences and/or Amino Acid Sequence Disclosures received via facsimile June 17, 2002, paper and disk copies of the initial Sequence Listing, and a Verified Statement that the content of the paper and

RECEIVED

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USSN 09/030,571 Cantor et al. AMENDMENT IN RESPONSE TO NOTICE TO COMPLY

computer readable copies are the same. It is believed that no fee is due. However, if it is determined that a fee is due, any fees that may be due in connection with this paper or with this application during its entire pendency may be charged to Deposit Account No. 50-1213. If a Petition for extension of time is needed, this paper is to be considered such Petition.

The Sequence Listing contains sequence disclosures found in the specification as originally filed that are encompassed by the definitions for nucleotide sequences set forth in 37 C.F.R. § 1.821(a)(1) and (a)(2).

The submission of this initial Sequence Listing is formal and responsive to the Notice Comply with Requirements for Patent Applications Containing Nucleotide Sequences and/or Amino Acid Sequence Disclosures received via facsimile June 17, 2002, and thus no new matter has been added.

* * *

Respectfully submitted, HELLER EHRMAN WHITE & McAULIFFE LLP

By:

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